

INFORMATION REPORT

REPORT NO.

25X1A

COUNTRY	Germany (Russian Zone)	DATE DISTR.	June 1952
SUBJECT	Shortages and Bottlenecks Affecting Production of Aerial Training Device A-1 at Zeiss-Jena	NO. OF PAGES	2

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LISTED BELOW:

**SUPPLEMENT TO
REPORT NO.**

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1. The following information concerning various raw material shortages and bottlenecks at Zeiss-Jena was extracted from a letter from Zeiss-Jena to DIA Feinmechanik-D-Tik, dated 28 February 1952, regarding the current Soviet order for 75 A-1 devices, Export Order Number FO 9424/12 E-51 of 8 December 1951: **
 - a. Agfa-Wolfs will deliver needed "Reilit" projection screens only if Zeiss-Jena furnishes the four or five tons of methylene chloride necessary to manufacture the screens. DIA is requested to procure the methylene chloride.
 - b. An adhesive substance is required to stick rubber to metal. Formerly, "Terokal", a product of the Terekon* firm in Heidelberg, was used. Zeiss is now trying to arrange for production of a similar adhesive in the DDR.
 - c. There has been difficulty in procuring steel pipe of the following dimensions:

32 x 6/135 kg.
25 x 3/260 kg.
25 x 2.5/50 kg.
30 x 2/150 kg.

DIA may be asked to help obtain the pipe.

d. Asbestos shooting of the following specifications is needed:

0.25 kg. with a thickness of 0.2 mm.
0.1 kg. with a thickness of 0.5 mm.

If current attempts to find a substitute material should prove fruitless, DIA will be asked to import the sheets.

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- e. Eight kilograms of 3 x 0.35 mm. spring band steel are needed. If Zeiss is unable to find a firm willing to satisfy this need, DIA will be asked to help.
- f. Zeiss requires 70 kilograms of machine tool steel P, 5 mm. in diameter. This steel is used in the student's seat in the device. DIA may be asked to help.
- g. Zeiss is no longer able to obtain "Metaleisen", which was formerly supplied by Ernst Böllmann Elektro- und Auto Grossvertrieb, Dresden***. DIA may have to call Zeiss here also.
- h. Eight thousand ball bearings are required for A-1 devices. It has been especially difficult to procure high accuracy ball bearings 714 and 716 and oblique bearings (Schraeplager) 6205 DIN 621.
- i. At present, 100 throat microphones are needed. If attempts to obtain them are not successful, DIA may be called upon to import the microphones.
- j. The wire potentiometers used in the A-1 device were fairly easily obtained from Lorenzal-Porzellan AG, Selb**** and the Moebes firm in Berlin, both Western firms. The IFT Traiswitz-Werk, Teltow, is now attempting to produce the necessary potentiometers. The West Berlin government has refused to permit export of these instruments from West Germany.
- k. Toggle switches, which were formerly obtained from the J. & J. Languerud firm, Metzholz in the Schwarzwald, are to be produced now by the Ift Elektroinstallations, Werk II, Lendershausen (formerly Brummele Fabrik fuer elektro - ele Installationsmaterial).
- l. The RFT Kondensatorenwerk, Gera, is supposed to supply Zeiss with 500 condensers 2 MF/700 volts (type B, according to DIN-41 143). Supplies of 7 mm aluminum foil are at present arriving on schedule, but a stoppage of deliveries of the foil would necessitate DIA assistance.

On 24 March 1952, Zeiss officials discussed with (fmu) Kochlin and (fmu) Daftyann, of the Soviet Trade Delegation in Berlin, the Soviet request for 200 copies of the Zeiss manual on the A-1. Zeiss is reluctant to accept the order because of the bulk of the books. The manual consists of the following four parts:

- a. technical description of the device
- b. instructions for repair
- c. testing journal
- d. photographs and sketches of the device

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~~CONFIDENTIAL~~: Perhaps the FRIEDRICHSHAFEN, Dr. Rich. Loss, in Heidelberg is meant.

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~~CONFIDENTIAL~~: Further information on the order for 19 A-1 devices.

25X1A *** ~~CONFIDENTIAL~~: Comment: Listed in 1950 Dresden telephone directory as Ernst Böllmann Elektro-Grosshdg.

25X1A **** ~~CONFIDENTIAL~~: Comment: Listed in 1949 ABC der Deutschen Wirtschaft as Rosenthal-Isolatoren GmbH.

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